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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,711	07/31/2003	Ju-yup Lee	45338	1606

1609 7590 11/19/2007  
ROYLANCE, ABRAMS, BERDO & GOODMAN, L.L.P.  
1300 19TH STREET, N.W.  
SUITE 600  
WASHINGTON,, DC 20036

EXAMINER
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TEKLE, DANIEL T.

ART UNIT	PAPER NUMBER
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2621

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11/19/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/630,711

Applicant(s)

LEE, JU-YUP

Examiner

Daniel Tekle

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date: _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                        | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Response to Argument*

Applicant's arguments filed September 19, 2007 have been fully considered but they are not persuasive.

Applicant argues on page 3 last paragraph of the remark, "Marshall does not disclose the claim feature relating to recorded programs stored on the recording medium".

In reply the examiner respectively disagrees. Marshall discloses a computer 11 with random access (RAM) and/or read only memory (ROM) (**column 2 lines 60-64**). The software necessary to operate the microprocessor may be embedded in the device or downloaded via the cable system to the device.

Applicant argues on last line on page 3 and first line on page 4 of the remark, "Marshall does not disclose the claimed features relating to displaying requested registration information.

In reply the examiner disagrees. Marshall discloses, "The viewer simply presses a predetermined key on the remote 35 to select the program guide display as is illustrated in **Fig. 3 (column 3 lines 6-8)**.

Applicant argues on page 4 regarding, "First display area that displays classifications of registration information and a second area that displays registration information of the classification of registration of information".

In reply the examiner disagrees. Marshall clearly shows on Fig. 6-9 a displaying first or second classification of registration information. For example regarding fig. 6

first column show the class respective channel and second and third column show the registered show or program synchronize with time.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1-28 are rejected under 35 U.S.C. 102(b) as being anticipated by Marshall et al. (**US 5,502,504**).

**Regarding Claim 1:** Marshall et al. disclose a method for displaying registration information pertaining to recorded programs stored on a recording medium used in a video recording/reproducing apparatus, comprising: receiving a request signal from an external access device requesting registration information pertaining to the recorded programs stored on the recording medium (**columns 2-3, lines 65-42**); providing the requested registration information pertaining to the recorded programs stored on the recording medium to a screen associated with the video recording/reproducing apparatus (**columns 2-3, lines 65-42**); and displaying the requested registration information on the screen associated with the video recording/reproducing apparatus in an area on the display, the area on the display being divided into a first and second area, wherein the first area displays classifications of registration information, and the second area displays registration information of the classification of registration

information, the second area being semitransparent and overlapping a displayed video signal (**column 2 lines 35-65 and figure 6-9**).

**Regarding Claim 2:** Marshall et al. disclose a method according to claim 1, wherein the first area is opaque (**column 3 lines 44-49**).

**Regarding Claim 3:** Marshall et al. disclose a method according to claim 1, wherein the first area is semitransparent and overlaps a displayed video signal (**column 3 lines 44-49**).

**Regarding Claim 4:** Marshall et al. disclose a method according to claim 1, further comprising: selecting a classification of registration information displayed in the first area (**column 3 lines 44-49**); and displaying the registration information corresponding to the selected classification of registration information as an opaque portion in the second area (**column 3 lines 44-49 and figure 6-9**).

**Regarding Claim 5:** Marshall et al. disclose a method according to claim 1, wherein the external access device is a remote control unit (**column 3 lines 6-12**).

**Regarding Claim 6:** Marshall et al. disclose a method according to claim 1, wherein the first area of classifications of registration information comprises one or more classifications (**columns 2-3, 65-42**).

**Regarding Claim 7:** Marshall et al. disclose a method according to claim 6, wherein the one or more classifications comprises: a first, second, third, fourth, fifth sixth and seventh items corresponding to the movie or animation stored in the stored on the recording medium used in a video recording/reproducing apparatus (**columns 2-3, lines 65-42**).

**Regarding Claim 8:** Marshall et al. disclose a method according to claim 7, wherein the first item comprises: a title of a movie or animation stored on the recording medium used in a video recording/reproducing apparatus (**columns 2-3, lines 65-42**).

**Regarding Claim 9:** Marshall et al. disclose a method according to claim 7, wherein the second items comprises: chapter information stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item (**columns 2-3, lines 65-47**).

**Regarding Claim 10:** Marshall et al. disclose a method according to claim 7, wherein the third item comprises: reproduction time of the recording medium used in a video recording/reproducing apparatus (**column 2 line 53-57 and figure 6-9**).

**Regarding Claim 11:** Marshall et al. disclose a method according to claim 7, wherein the fourth item comprises: audio data which indicates the type of audio data for the plurality of title that can be stored on the recording medium used in a video recording/reproducing apparatus (**column 2 lines 33-64**).

**Regarding Claim 12:** Marshall et al. disclose a method according to claim 7, wherein the fifth item comprises: caption data stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item (**column 3 lines 44-49**).

**Regarding Claim 13:** Marshall et al. disclose a method according to claim 7, wherein the sixth item comprises: angle information stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item (**columns 2-3, lines 65-42**).

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**Regarding Claim 14:** Marshall et al. disclose a method according to claim 7, wherein the seventh item comprises: repeat mode information stored on the recording medium used in a video recording/reproducing apparatus which corresponds to the title information of the first item and the chapter information of the second item (**column 2-3, lines 65-42**).

**Regarding Claim 15-28:** Claims 15-28 are rejected for the same subject matter as claims 1-14 respectively.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel Tekle whose telephone number is 571-270-1117. The examiner can normally be reached on 7:30am to 5:00pm M-R and 7:30-4:00 Every other F..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on 571-272-7905. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Daniel Tekle

*Marsha D Banks-Harold*  
MARSHA D. BANKS-HAROLD  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800